

SPECIFICATION AMENDMENTS

Please amend the paragraph on Page 4, lines 16 through 20, as follows, to match the drawing figure 3A, originally submitted with the application:

Q1 and Q2 function as inverters. Although they are preferably implemented utilizing MOSFETs, they may be bi-polar transistors or other types of switching devices, as appropriate. Inverters Q1 and Q2 are connected in push/pull fashion to the primary winding of transformer T1, that is, the lower windings shown in the diagram have a center tap. L1 is connected to the center tap and to a circuit breaker shown lower in the diagram.

Please amend the paragraph on Page 6, lines 20 through 25, as follows, to match the drawing figure 3A, originally submitted with the application:

Thus, according to the invention, the circuit senses arcing and, conveniently, uses the transformer T2 for that purpose. In particular, the system looks for a characteristic which is produced when arcing occurs across a gap that is larger than one typically encountered when a lamp is operating properly. When the lamp is operating properly, not that much voltage is required to maintain, so that lower voltages are generally acceptable, with a higher voltage being indicative of a problem.